

Quantic MSSE Class of July 2027 Cohort Schedule

Welcome to Quantic! Here's the course syllabus for your program. It's strongly recommended that you follow this schedule to complete your required lessons per week. In order to graduate and earn your degree, you must meet the course requirements as seen [here](#).



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IMPORTANT DATES

Starting Date	• April 27, 2026
Winter Break	• Dec 21 2026 - Jan 3 2027
Capstone Kickoff	• March 1-7, 2027
Capstone Check-In	• April 5-11, 2027
Capstone Check-In	• May 3-9, 2027
Capstone Project Presentation Due Date	• June 6, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• June 6, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• July 8, 2027

Individual concentration exam and case study due dates can be found in their respective sections below.

April 27, 2026 - June 21, 2026: Managing Software Engineering

Week 1: April 27, 2026	Getting Oriented to the Quantic MSSE Cultural Intelligence
Week 2: May 4, 2026	Leading Software Development I Leading Software Development II
Week 3: May 11, 2026	User-Centered Design
Week 4: May 18, 2026	Cloud Foundations
Week 5: May 25, 2026	Professionalism and Ethics
Week 6: June 1, 2026	Managing Software Engineering Exam Last day to begin exam: June 7, 11:59 p.m. PT / UTC-7 hours
Week 7: June 8, 2026	Managing Software Engineering Project
Week 8: June 15, 2026	Managing Software Engineering Project Due Due by June 21, 11:59 p.m. PT / UTC-7 hours



June 22, 2026 - August 2, 2026: Web Application and Interface Design

Week 9: June 22, 2026	Web Application Foundations
Week 10: June 29, 2026	Interactive Web Pages
Week 11: July 6, 2026	Relational Databases
Week 12: July 13, 2026	Back Ends
Week 13: July 20, 2026	Web Application and Interface Design Exam
	Last day to begin exam: July 26, 11:59 p.m. PT / UTC-7 hours
Week 14: July 27, 2026	Web Application & Interface Design Presentation
	Due by August 2, 11:59 p.m. PT / UTC-7 hours

August 3, 2026 - September 27, 2026: Software Design and Architecture

Week 15: August 3, 2026	Design and UML
Week 16: August 10, 2026	Paradigms and Patterns
Week 17: August 17, 2026	Enterprise Architectures
Week 18: August 24, 2026	Cloud Services and Architectures
Week 19: August 31, 2026	Software Design and Architecture Exam
	Last day to begin exam: September 6, 11:59 p.m. PT / UTC-7 hours
Week 20: September 7, 2026	Software Design & Architecture Project
Week 21: September 14, 2026	Software Design & Architecture Project Due
	Due by September 20, 11:59 p.m. PT / UTC-7 hours
Week 22: September 21, 2026	Break Week

September 28, 2026 - October 25, 2026: Software Testing and CI/CD

Week 23: September 28, 2026	Introduction to Git and GitHub
	Software Testing
Week 24: October 5, 2026	CI/CD and Software Maintenance
Week 25: October 12, 2026	Performance Monitoring
Week 26: October 19, 2026	Software Testing and CI/CD Exam
	Last day to begin exam: October 25, 11:59 p.m. PT / UTC-7 hours



October 26, 2026 - November 22, 2026: Cloud Applications and Architectures

Week 27: October 26, 2026	AWS Academy Cloud Foundations
Week 28: November 2, 2026	Migrating an Existing Web Application I Migrating an Existing Web Application II
Week 29: November 9, 2026	Serverless Application Development I Serverless Application Development II
Week 30: November 16, 2026	Cloud Applications and Architectures Exam Last day to begin exam: November 22, 11:59 p.m. PT / UTC-7 hours

November 23, 2026 - January 24, 2027: Introduction to Machine Learning

Week 31: November 23, 2026	Introduction to Machine Learning
Week 32: November 30, 2026	Data Preprocessing Linear Algebra for Machine Learning
Week 33: December 7, 2026	Logistic Regression Decision Trees and Random Forests
Week 34: December 14, 2026	Clustering with Unsupervised Learning Introduction to Deep Learning
Week 35: December 21, 2026	Winter Break
Week 36: December 28, 2026	Winter Break
Week 37: January 4, 2027	Introduction to Machine Learning Exam Last day to begin exam: January 10, 11:59 p.m. PT / UTC-7 hours
Week 38: January 11, 2027	Introduction to Machine Learning Project
Week 39: January 18, 2027	Introduction to Machine Learning Project Due Due by January 24, 11:59 p.m. PT / UTC-7 hours

January 25, 2027 - March 7, 2027: Artificial Intelligence Engineering

Week 40: January 25, 2027	Adopting AI in Your Organization
Week 41: February 1, 2027	LLM-Based Apps
Week 42: February 8, 2027	Model Fine-Tuning
Week 43: February 15, 2027	Artificial Intelligence Engineering Exam Last day to begin exam: February 21, 11:59 p.m. PT / UTC-7 hours



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Week 44: February 22, 2027 Artificial Intelligence Engineering Presentation
Due by February 28, 11:59 p.m. PT / UTC-7 hours

Week 45: March 1, 2027 Capstone Kickoff

March 8, 2027 - April 11, 2027: Microservices Architectures

Week 46: March 8, 2027 Microservices I: Designing and Building

Week 47: March 15, 2027 Microservices II: Deploying and Testing

Week 48: March 22, 2027 Microservices III: Scaling and Kubernetes

Week 49: March 29, 2027 Microservices Architectures Exam
Last day to begin exam: April 4, 11:59 p.m. PT / UTC-7 hours

Week 50: April 5, 2027 Capstone Check-in Week

April 12, 2027 - May 30, 2027: Specialization Period I

Week 51: April 12, 2027 Specialization Period

Week 52: April 19, 2027 Specialization Period

Week 53: April 26, 2027 Specialization Period

Week 54: May 3, 2027 Capstone Check-in Week

Week 55: May 10, 2027 Specialization Period

Week 56: May 17, 2027 Specialization Period

Week 57: May 24, 2027 Specialization Period

May 31, 2027 - June 6, 2027: Capstone Project

Week 58: May 31, 2027 Capstone Project Due
Due by June 6, 11:59 p.m. PT / UTC-7 hours